

STUDIES IN THE SOPHOREAE (LEGUMINOSAE) I.

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In connection with studies in the tribe Sophoreae for North American Flora and Flora Neotropica it has been found that the following new combinations and taxa are necessary:

1. SOPHORA L. section AIGIALODES Rudd, sect. nov.

Frutices, interdum subscandentes; foliola subcoriacea; stipulae lineari-deltaoideae aut nullae; inflorescentia racemosa, terminalis; calyx truncatus vel subtruncatus; corolla alba vel aurea, petalis carinalis plerumque connatis; fructus torulosus.

Type species: Sophora tomentosa L. The name Aigialodes is from the Greek, meaning a dweller by the sea.

2. SOPHORA L. section ORESBIOS Rudd, sect. nov.

Arbores; foliola coriacea; inflorescentia racemosa, axillaris; calyx truncatus; corolla violacea, petalis carinalis discretis; fructus ignotus.

Type species: Sophora konzattii Standl. The name Oresbios is from the Greek, meaning a dweller on the mountain.

3. SOPHORA L. section CALIA (Berlandier) Rudd, comb. nov.

Calia Berlandier in Mier Terán, Mem. Comisión Límites 13. 1832

Type species: Sophora secundiflora (Gómez Ortega) Lag. ex DC.

4. CLADRASTIS KENTUCKEA (Dum.-Cours.) Rudd, comb. nov.

Sophora kentuckea Dum.-Cours. Bot. Cult. ed. 2, 6: 56. 1811.

Virgilia lutea F. Michx. Hist. Arb. For. Amer. Sept. 3: 266, pl. 3. 1813.

Virgilia alba Raf. Kentucky Gaz. 1822, fide Raf. Cincinnati Lit. Gaz. 1: 60. 1824.

Cladrastis fragrans Raf. Cincinnati Lit. Gaz. 1: 60. 1824.

Cladrastis tinctoria Raf. Neogen. 1: 1825.

Virgilia kentuckea (Dum.-Cours.) ex Raf. Neogen. 1. 1825, as "kentuckensis."

Cladrastis albiflora Raf. New Fl. Amer. 3: 83. 1836.

Cladrastis lutea (F. Michx.) K. Koch, Dendrol. 1: 6. 1869.

Cladrastis kentuckea (Dum.-Cours.) Raf. ex B. D. Jackson, Index Kew. 1: 552. 1895, as "kentuckensis", as synonym.

Unless proof can be found that the title-page date of 1811 for Dumont de Courset, Le botaniste cultivateur, ed. 2, vol. 6 is incorrect, the epithet kentuckea has priority over lutea.